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SIDLEY & AUSTIN
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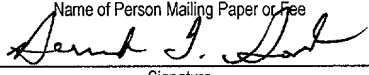
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WRITER'S DIRECT NUMBER
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April 17, 2001

BOX PATENT APPLICATION
Assistant Director For Patents
Washington, D.C. 20231

EXPRESS MAIL MAILING LABEL NO.: EL589917727US
DATE OF DEPOSIT: APRIL 17, 2001
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the dated indicated above and is addressed to BOX PATENT APPLICATION, Assistant Director for Patents, Washington, DC 20231.
Derrick T. Gordon
Name of Person Mailing Paper or Fee

Signature
April 17, 2001
Date of Signature

Re: New U.S. Patent Application
DIFFRACTION GRATING COUPLED INFRARED PHOTODETECTOR
By: Lewis T. CLAIBORNE and Pradip MITRA
Attorney Docket: 10919/25601

Dear Sir:

Enclosed for filing are the following papers relating to
DIFFRACTION GRATING COUPLED INFRARED PHOTODETECTOR, Lewis T.
CLAIBORNE and Pradip MITRA, inventors:

- (1) Specification (25 pages, including 60 claims and an abstract);
- (2) Executed Declaration and Power of Attorney (3 pages);
- (3) Formal Drawings (2 sheets);
- (4) Transmittal of PrintEFS Patent Application Bibliographic Data (2 pages); and

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- (5) Assignment of the invention to LOCKHEED MARTIN CORPORATION, with attached Recordation Form Cover Sheet.

The filing fee is calculated below:

			Fee for small entity			Fee for other than small entity	
Fee	No. filed	No. extra *	Rate	Fee	OR	Rate	Fee
Basic fee					OR		\$710
Total claims	60-20=	40	X \$9=	\$0	OR	X \$18=	\$720
Independent claims	2-3=	0	X \$40=	\$0	OR	X \$80=	\$-0-
Multiple Dependent Claim Presented	0	0	+\$135=	\$0	OR	+\$270=	\$-0-
			Total	\$0	OR	Total	\$1,430.00

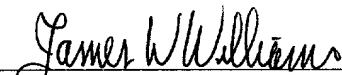
*If the difference in Column 1 is less than zero, enter "0" in Column 2.

Please charge the required fees (\$1,430 for the application filing fee and \$40.00 for recordal of the Assignment) to Sidley & Austin's Deposit Account No. 18-1260. Please charge any additional fees (other than issue fee) required during the pendency of this application to Sidley & Austin's Deposit Account No. 18-1260. Please credit any overpayment to Deposit Account No. 18-1260. A duplicate copy of this letter is enclosed herewith.

All correspondence is to be directed to the Applicants' attorney at the Dallas address listed above.

Respectfully submitted,

By:



James W. Williams
 Registration No. 20,047
 Attorney for Applicants

JWW/rb
 Enclosures

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re

U.S. application of: Lewis T. CLAIBORNE and Pradip MITRA
For: DIFFRACTION GRATING COUPLED INFRARED
PHOTODETECTOR
U.S. Serial No.: To Be Assigned
Filed: Concurrently
Group Art Unit: To Be Assigned
Examiner: To Be Assigned

BOX PATENT APPLICATION
Assistant Director
for Patents
Washington, D.C. 20231

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Name of Person Mailing Paper or Fee



Signature

April 17, 2001

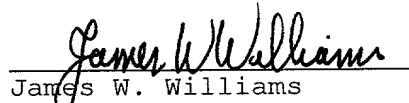
Date of Signature

TRANSMITTAL OF PrintEFS PATENT APPLICATION

BIBLIOGRAPHIC DATA

Submitted herewith is bibliographic data (2 pages) for the
above-identified application, in the PrintEFS Version 1.0.1
program format.

Respectfully submitted,


James W. Williams
Registration No. 20,047
Attorney for Applicants

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April 17, 2001